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NEWS 3 JUN 01 CAS REGISTRY Source of Registration (SR) searching  
enhanced on STN  
NEWS 4 JUN 26 NUTRACEUT and PHARMAML no longer updated  
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NEWS 6 JUN 29 EFFULL adds Simultaneous Left and Right Truncation  
(SLART) to AB, MCLM, and TI fields  
NEWS 7 JUL 09 PATDPAFULL adds Simultaneous Left and Right  
Truncation (SLART) to AB, CLM, MCLM, and TI fields  
NEWS 8 JUL 14 USGENE enhances coverage of patent sequence location  
(PSL) data  
NEWS 9 JUL 27 CA/CAPLUS enhanced with new citing references  
NEWS 10 JUL 16 GBFULL adds patent backfile data to 1855  
NEWS 11 JUL 21 USGENE adds bibliographic and sequence information  
NEWS 12 JUL 28 EFFULL adds first-page images and applicant-cited  
references  
NEWS 13 JUL 28 INPADOCDB and INPAFAMDB add Russian legal status data  
NEWS 14 AUG 10 Time limit for inactive STN sessions doubles to 40  
minutes  
NEWS 15 AUG 18 COMPENDEX indexing changed for the Corporate Source  
(CS) field  
NEWS 16 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced  
NEWS 17 AUG 24 CA/CAPLUS enhanced with legal status information for  
U.S. patents  
NEWS 18 SEP 09 50 Millionth Unique Chemical Substance Recorded in  
CAS REGISTRY  
NEWS 19 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM  
thesaurus

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 14:18:48 ON 22 SEP 2009

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=> FILE medline hcaplus biosis biotechds uspatfull
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                      ENTRY          SESSION
FULL ESTIMATED COST                0.22           0.22
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FILE 'MEDLINE' ENTERED AT 14:19:20 ON 22 SEP 2009

FILE 'HCAPLUS' ENTERED AT 14:19:20 ON 22 SEP 2009  
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=> s (NAD-alcohol dehydrogenase or NADP-alcohol dehydrogenase) and (arthrobacter or rhodococcus)

L1 3 (NAD-ALCOHOL DEHYDROGENASE OR NADP-ALCOHOL DEHYDROGENASE) AND  
(ARTHROBACTER OR RHODOCOCCLUS)

=> dup rem l1  
PROCESSING COMPLETED FOR L1  
L2 3 DUP REM L1 (0 DUPLICATES REMOVED)

=> d l2 1-3 ibib ab

L2 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2009 ACS ON STN  
ACCESSION NUMBER: 2008:1300135 HCAPLUS Full-text  
DOCUMENT NUMBER: 149:511513  
TITLE: Engineered microorganisms for producing isopropanol  
INVENTOR(S): Subbian, Ezhilkani; Meinhold, Peter; Buelter, Thomas;  
Hawkins, Andrew C.  
PATENT ASSIGNEE(S): Gevo, Inc., USA  
SOURCE: PCT Int. Appl., 59pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008131286	A1	20081030	WO 2008-US60911	20080418
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,			

ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

US 20080293125 A1 20081127 US 2008-106173 20080418  
 PRIORITY APPLN. INFO.: US 2007-912547P P 20070418

OTHER SOURCE(S): CASREACT 149:511513

AB In an embodiment, there is disclosed a recombinant microbial host cell having each of the DNA mols. encoding a polypeptide or group of polypeptides that catalyze the conversion: (i) Acetyl-CoA to Acetate and CoA (conversion 1) (ii) Acetyl-CoA to Acetoacetyl-CoA and CoA (conversion 2) (iii) Acetoacetyl-CoA and Acetate to Acetoacetate and Acetyl-CoA (conversion 3.1) (iv) Acetoacetate to Acetone and CO2 (conversion 4) (v) Acetone and NAD(P)H and H+ to Isopropanol and NAD(P)+ (conversion 5) wherein the at least one DNA mol. is heterologous to the microbial host cell and wherein the microbial host cell produces isopropanol. In another embodiment, a method is disclosed for the production of isopropanol including providing a recombinant microbial host cell, the host cell of (i) with a fermentable carbon substrate in a fermentation medium under conditions whereby isopropanol is produced, and recovering the isopropanol. OS.CITING REF COUNT: 1  
 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)  
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2007:17453 USPATFULL Full-text

TITLE: Methods for monitoring multiple gene expression

INVENTOR(S): Bolotine, Alexandre, Vandoeuve, FRANCE  
 Sorokine, Alexei, Gif Sur Yvette, FRANCE  
 Lapidus, Alla, Walnut Creek, CA, UNITED STATES  
 Berka, Randy M., Davis, CA, UNITED STATES  
 Clausen, Ib Groth, Hillerod, DENMARK

PATENT ASSIGNEE(S): Novozymes A/S, Bagsvaerd, DENMARK (non-U.S. corporation)  
 Novozymes, Inc., Davis, CA, UNITED STATES, 95616 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20070015168	A1	20070118
APPLICATION INFO.:	US 2005-203606	A1	20050812 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-974300, filed on 5 Oct 2001, GRANTED, Pat. No. US 7018794 Continuation-in-part of Ser. No. US 2000-680598, filed on 6 Oct 2000, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-279526P	20010327 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NOVOZYMES, INC., 1445 DREW AVE, DAVIS, CA, 95616, US	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	9120	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods for monitoring differential expression of a plurality of genes in a first *Bacillus* cell relative to expression of the same genes in one or more second *Bacillus* cells using microarrays containing *Bacillus* genomic sequenced tags. The present invention also relates to computer readable media and computer-based systems. The present invention further relates to substrates containing an array of *Bacillus licheniformis* or *Bacillus clausii* GSTs.

L2 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2006:146715 USPATFULL Full-text

TITLE: Nucleic acid and amino acid sequences relating to *Staphylococcus epidermidis* for diagnostics and therapeutics

INVENTOR(S): Doucette-Stamm, Lynn, Framingham, MA, UNITED STATES  
Bush, David, Somerville, MA, UNITED STATES

PATENT ASSIGNEE(S): Wyeth, Madison, NJ, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 7060458	B1	20060613
APPLICATION INFO.:	US 1999-450969		19991129 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-134001, filed on 13 Aug 1998, Pat. No. US 6380370, issued on 30 Apr 2002		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-64964P	19971108 (60)
	US 1997-55779P	19970814 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Horlick, Kenneth R.	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
LINE COUNT:	35708	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides isolated polypeptide and nucleic acid sequences derived from *Staphylococcus epidermidis* that are useful in diagnosis and therapy of pathological conditions; antibodies against the polypeptides; and methods for the production of the polypeptides. The invention also provides methods for the detection, prevention and treatment of pathological conditions resulting from bacterial infection.

=> s alcohol dehydrogenase and (arthrobacter or rhodococcus)

L3 909 ALCOHOL DEHYDROGENASE AND (ARTHROBACTER OR RHODOCOCCLUS)

=> dup rem l3

PROCESSING IS APPROXIMATELY 84% COMPLETE FOR L3

PROCESSING COMPLETED FOR L3

L4 807 DUP REM L3 (102 DUPLICATES REMOVED)

=> d his

(FILE 'HOME' ENTERED AT 14:18:48 ON 22 SEP 2009)

FILE 'MEDLINE, HCAPLUS, BIOSIS, BIOTECHDS, USPATFULL' ENTERED AT 14:19:20  
ON 22 SEP 2009

L1 3 S (NAD-ALCOHOL DEHYDROGENASE OR NADP-ALCOHOL DEHYDROGENASE) AND  
L2 3 DUP REM L1 (0 DUPLICATES REMOVED)  
L3 909 S ALCOHOL DEHYDROGENASE AND (ARTHROBACTER OR RHODOCOCOCCUS)  
L4 807 DUP REM L3 (102 DUPLICATES REMOVED)

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
24.27	24.49

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.82	-0.82

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